

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

Listing of Claims:

1. (previously presented) An apparatus comprising:
 - a first scoreboard operating as an issue scoreboard to scoreboard instructions for issue;
 - a second scoreboard operating as a replay scoreboard to scoreboard instructions which have passed a replay stage in a pipeline; and
 - a control circuit coupled to the first scoreboard and the second scoreboard, wherein the control circuit is configured to update the first scoreboard to indicate that a write is pending for a first destination register of a first instruction in response to issuing the first instruction into the pipeline, and wherein the control circuit is configured to update the second scoreboard to indicate that the write is pending for the first destination register in response to the first instruction passing the replay stage of the pipeline, wherein the control circuit, in response to a replay of a second instruction by checking operands of the second instruction against the second scoreboard, is configured to copy contents of the second scoreboard to the first scoreboard.

2. (previously presented) The apparatus as recited in claim 1 further comprising a third scoreboard coupled to the control circuit and operating as a graduation scoreboard to scoreboard instructions which have passed a graduation stage of the pipeline, wherein the control circuit is configured to update the third scoreboard to indicate that the write is pending for the first destination register in response to the first instruction passing the graduation stage of the pipeline, wherein the control circuit, in response to an exception for a third instruction, is configured to copy contents of the third scoreboard to the first and second scoreboards.